Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 21 Aug 2021 until 23:59 on Sunday 22 Aug 2021

Forecast Issued on Saturday 21 Aug 2021 at 02:26

Confidence: Confidence is high for a very wet day on Saturday then for increasingly dry conditions into next week. There is some uncertainty over the extent of showers on Sunday and for cloud amounts from Monday.

Headline for Saturday 21 Aug 2021: Near constant heavy rain and poor visibility across the hills. Thunderstorms possible.

Mountain weather hazards on Saturday 21 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers (night)
Precipitation probability					
40%	70%	>95%	90%	80%	70%

Forecast for Saturday 21 Aug 2021

Weather: It will be a dull start with patchy drizzle, then with rain soon arriving. This will turn widely heavy and perhaps torrential through morning. The most persistent rain will clear away northwards from mid-afternoon but will leave scattered heavy and thundery showers. Heavy thundery showers are now expected to continue through the evening, with rather misty conditions.

Chance of cloud free mountain/hill tops above 600m: 40%, becoming 10% by mid-morning.

Visibility: Cloud will be extensive above around 400-500m throughout the day, perhaps with the odd break during the morning. Some patchy cloud is likely down to 200-300m. This will lead to widely very poor visibility across the hills. Heavy, perhaps torrential rain will bring poor visibility to lower slopes too, this often obscuring nearby landmarks.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 21 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 S	11/16 S	15/20 SE	14/19 SE	10/14 S	9/12 SW	10/14 W
300	7/12 SE	9/14 S	11/18 SE	10/17 SE	8/13 S	6/11 SW	6/10 W
Valley	3/10 SE	5/11 SE	7/14 SE	5/14 SE	5/12 S	4/10 SW	5/10 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/12	14/12	14/11	13/11	13/12	13/12	12/11
300	16/15	16/15	16/14	15/14	15/14	15/14	14/14
Valley	16/16	17/17	17/16	16/16	16/16	15/15	15/15
Freezing Level*	3000m	2900m	2900m	2900m	2900m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy and likely incessant rain will lead to widely sodden ground, small watercourses may become quickly swollen and some flooding of low lying ground, paths and roads is possible. In addition, lightning strikes are a real possibility.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 21 Aug 2021	0.6mm	5.8mm	7.4mm

Forecast for Sunday 22 Aug 2021

Weather: Thick cloud will continue to bring spells of drizzle and misty conditions through morning and will be slow to clear. Very wet conditions likely underfoot initially after Friday's rain. However, drier and brighter weather should develop through the afternoon, perhaps with some sunshine. Sunny spells and a few showers likely through afternoon, some of these on the sharp side.

Maximum wind: Northeasterly 15mph.

Chance of cloud free mountain/hill tops above 600m: 10% improving 60% from late morning.

Visibility: Extensive cloud above around 300m through morning bringing widely foggy conditions to all but the lowest levels with nearby landmarks often obscured. Cloud will break and lift erratically later in the morning allowing for some reasonable views. Areas of cloud above 500m will accompany afternoon showers.

Temperature: **Valleys:** Plus 13 Celsius rising to 19 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above summits.

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